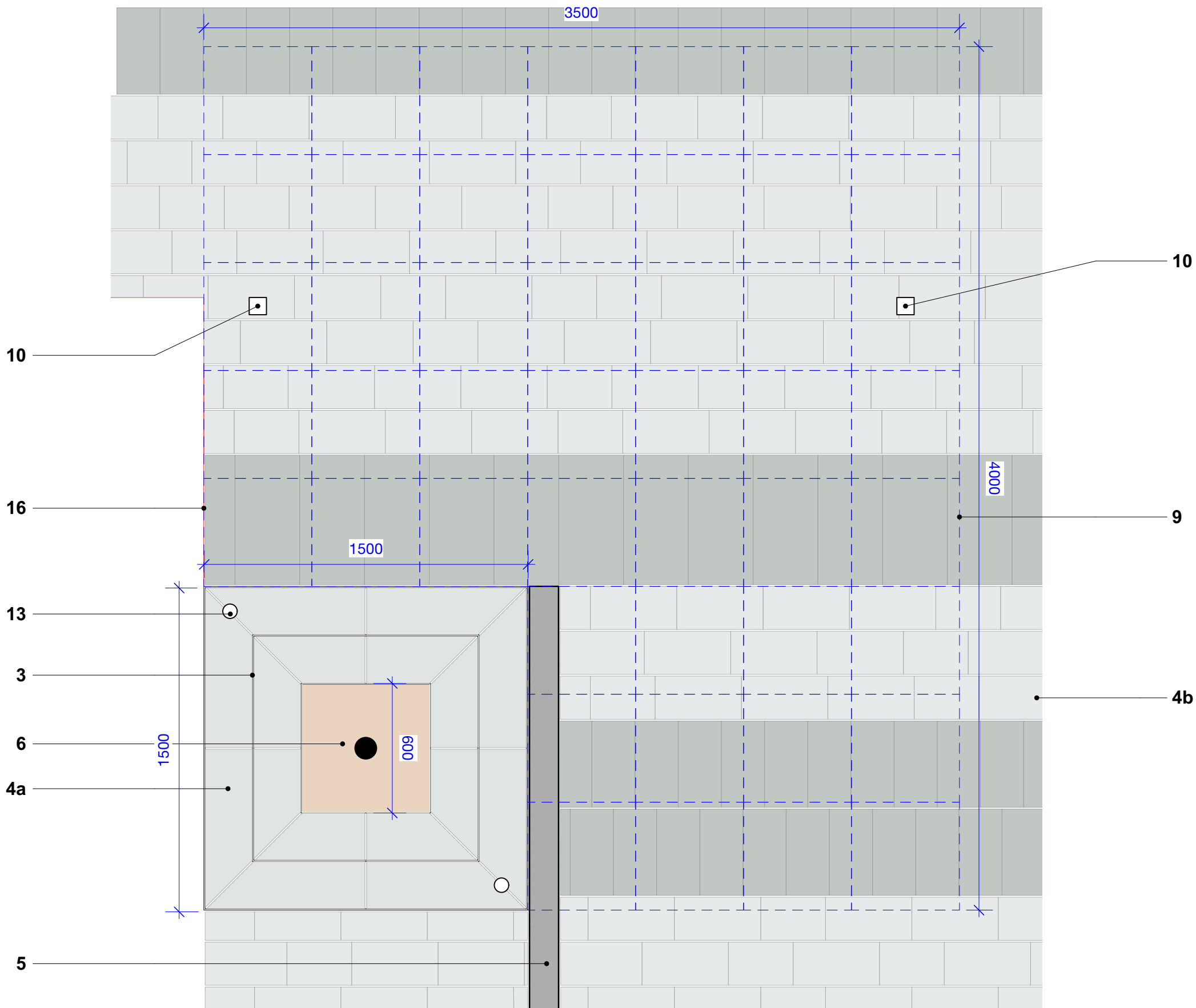
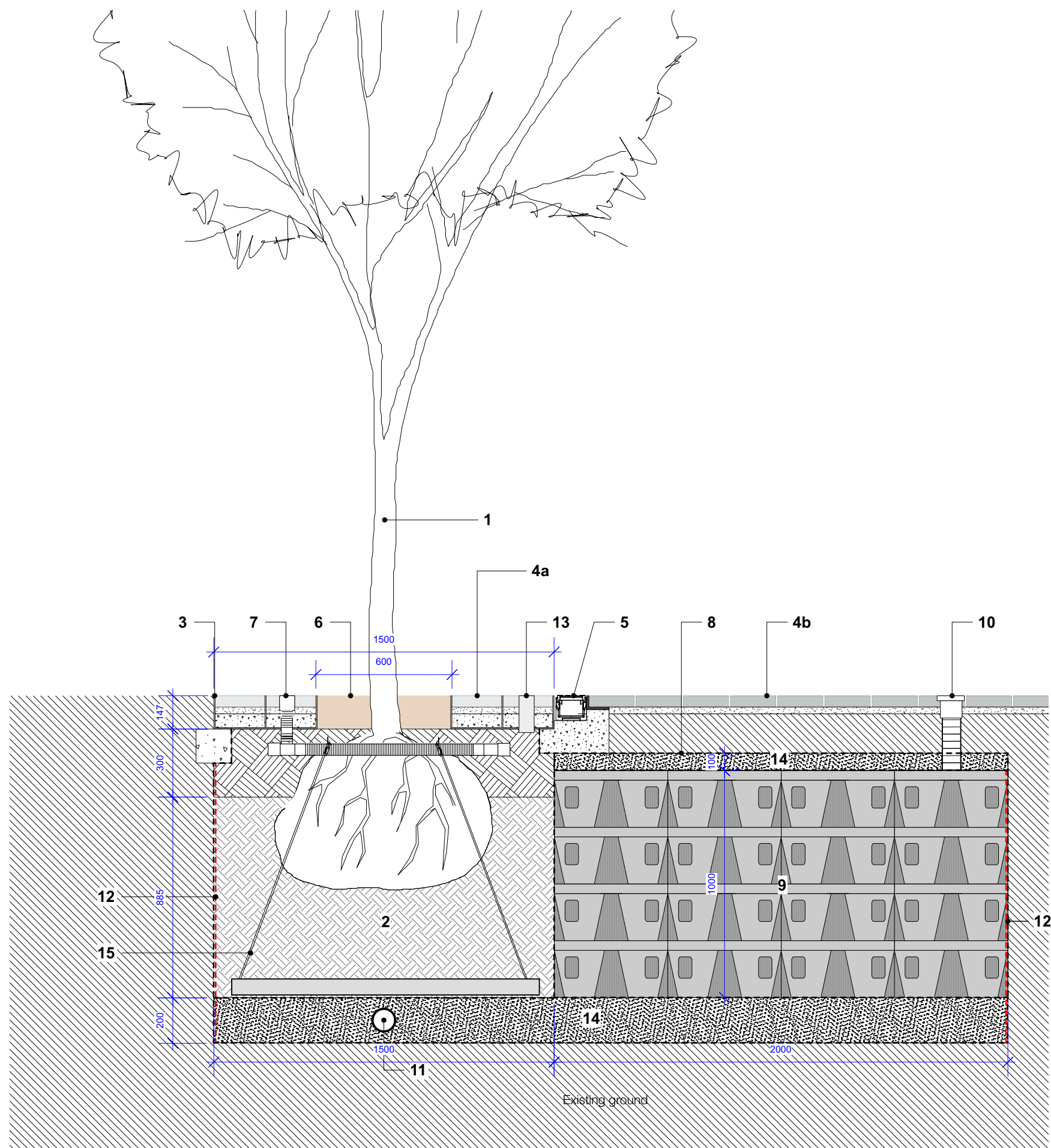
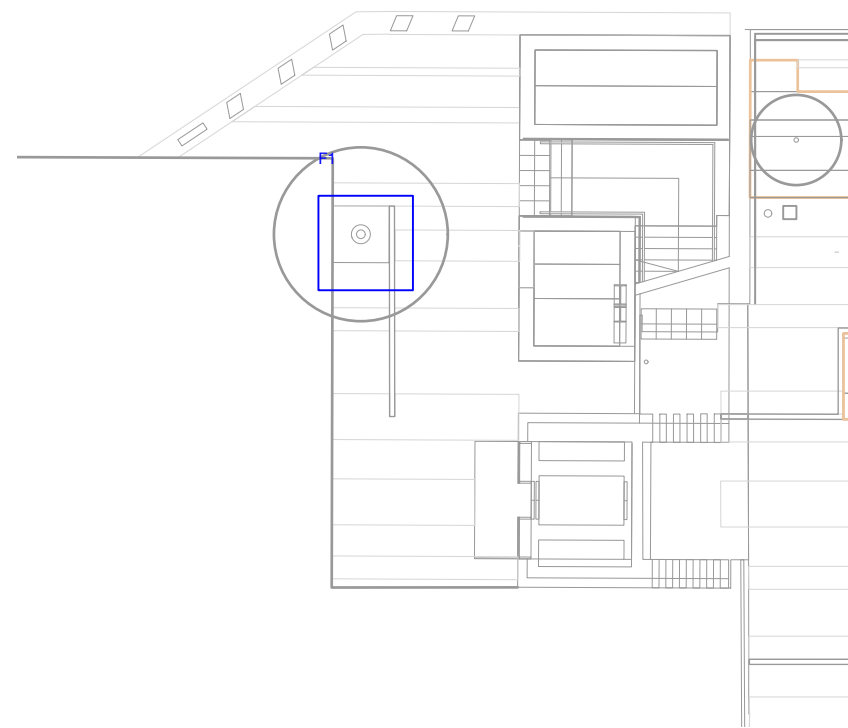




1 Semi-mature Tree in Hard Landscape - Plan
Scale: 1:20



2 Semi-mature Tree in Hard Landscape - Section
Scale: 1:20



LOCATION PLAN

- NOTES:**
1. Do not scale from this drawing.
 2. Always work to noted dimensions.
 3. All dimensions are in millimetres unless otherwise stated.
 4. All setting out, levels and dimensions to be agreed on site.
 5. The dimensions of all materials must be checked on site before being laid out.
 6. This drawing must be read with the relevant specification clauses and detail drawings.
 7. Order of construction and setting out to be agreed on site.

1 - Semi-Mature Tree Rootball & Wrapped

Refer to planting schedule for details

Refer to NBS clause Q28/Q31

2 - 1500mm Deep Tree Pit Trench

300mm topsoil to BS3882:2007, 900mm subsoil to BS8601:2013 & 200mm drainage layer.

Refer to NBS clause Q28/Q31

3 - Recessed Stone Filled Tree Grille

Product: FTS Castle 15B Tree Grille.

Dimensions - 1500mm sq, internal aperture 600mm sq.

Material - Grade 316 stainless steel.

Finish - Hot-dip galvanised to BS EN ISO 1461:2009.

Features: To include apertures for 2no. tree uplighters and 1no. Irrigation inlet.

To be haunched to engineer's specification.

Supplier: GreenBlue Urban or similar and approved.

Refer to NBS clause Q10/305

4a - P2 Granite Block Paving to Tree Grille

Refer to detail 3 for unit sizes.

Specification to match P2 paving.

Joint widths: 8mm.

To be laid on 60mm concrete base and 30mm rigid bedding mortar.

Refer to NBS clause Q10/305

4b - Surrounding Stone Paving

Refer to drawing VIA-PLA-XX-XX-DR-L-5000 for details.

Refer to NBS clause Q25/140

5 - Drainage Channel - DC1

Refer to drawing VIA-PLA-XX-XX-DR-L-5002.

Refer to NBS clause Q10/180

6 - Gravel Mulch

Aperture in tree grille to base of tree to have aggregate fill, to be built up in graduated layers as follows:

Bottom layer - lightly hand-compacted open graded aggregate 50mm gauge

Middle layer - lightly hand-compacted intermediate dense graded stone aggregate 2-8mm gauge

Upper layer - 50mm gravel mulch. Supplier: CED oea.

Installed to suppliers' instructions, submit proposals.

Submit sample for LA approval.

Refer to NBS clause Q28/845

7 - Irrigation System

100mm diameter heavy cast aluminium inlet and swivel vented lid.

60mm diameter. Cap to sit flush with surrounding surface material.

Refer to NBS clause Q31/512

8 - Geotextile

Terram 2000 Membrane.

Refer to NBS clause Q31/515

9 - Stratacell Root Cell Modules - 60 series

Dimension: 500 x 500 x 250mm

4 modules deep, backfilled with soil, (or equal and approved). The

upper 600mm layer with topsoil, the lower part with subsoil. General

installation and load bearing requirements to be in accordance with

manufacturer's recommendations. Final layout to allow 12m3 soil

volume and to be adjusted on site if required. Manufacturer to produce

layout for approval.

Supplier: GreenBlue Urban Ltd.

Refer to NBS clause Q31/520

10 - Aeration System - Arbovent

Cap to sit flush with surrounding surface material.

To be Greenleaf Precinct Watering System RRPRECT1-version fit for

application on tree pit cover, or equivalent 100mm diameter heavy cast

aluminium inlet and swivel vented lid - 'RootRain Arborvent 150'. 60mm

diameter circuit and vertical pipes.

Refer to NBS clause Q31/520

11 - Active Drainage

Using a flexible, perforated plastic pipe within 600mm wide channel.

10-15mm gauge clean stone backfill. Subject to peculation test results

and engineers detail.

Refer to NBS clause Q31/512

12 - ReRoot 2000 Linear Root Barrier

Installed around the upper 1500mm of the tree pit trench along two

sides, to Supplier's specification (Green Blue Urban).

Refer to NBS clause Q31/510

13 - Tree Uplighters

Submit proposals

Refer to NBS clause V91/348

14 - Drainage Layer

100mm clean stone. Base of tree pit trench loosened and shaped. As

shown to aid root penetration and pit drainage.

Refer to NBS clause Q31/515

15 - Tree anchoring

Deadman Fixing Kit - Plati-Mat® - RF2RDMP or equal and approved.

Refer to NBS clause Q31/526

D4-C01	14-02-22	Stage 5	TF	KR
S1-P04	04-11-21	Stage 4+	TF	KR
S1-P03	10-06-21	Draft Tender	TF	KR
P02	01-02-21	Drainage Channel added	TF	KR

Revision	Date	Description	Drawn	Apprvd.
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Client ASK

Project Viadux, Greater Bridgewater Street
Stair and Lift

Drg Title Tree Pit in Hard Landscape

Created on 04.05.20 Created by TF Approved by KR

Scale 1:20 Size A1 Workstage Stage 5

Drg No. HSS-PLA-XX-XX-DR-L-6010 Suitability D4 Revision C01